

5. (Amended.) The heat-shrinkable tube according to claim 1, wherein said thin film is made of a magnetic substance being a magnetic composition comprising M, X and Y, wherein M is a metallic magnetic material consisting of Fe, Co, and/or Ni, X being element or elements other than M and Y, and Y being F, N, and/or O, in the composition such that said M-X-Y magnetic composition has a saturation magnetization of 35% to 80% of that of the metallic bulk of the magnetic material comprising M alone, said magnetic composition having a maximum value μ''_{\max} of an imaginary part μ'' of relative permeability in a frequency range of 0.1GHz to 10GHz.

11. (Amended.) A method of shrinking a heat-shrinkable tube comprising: providing a tubular member being shrinkable in response to heat and having a cylindrical surface,

a thin film formed on at least a part of said cylindrical surface and being made of a magnetic loss material which as a high magnetic loss characteristic, said thin film having

a first phase comprising at least one of Fe, Co, and Ni, and a second phase comprising at least one element other than Fe, Co, and Ni;

said shrinking method comprising the steps of:

disposing an oscillator in the vicinity of said thin film; and

making said oscillator irradiate electromagnetic radiation towards said thin film, so that said thin film generates said heat.

12. (Amended.) A method of shrinking a heat-shrinkable tube comprising: providing a tubular member being shrinkable in response to heat and having a cylindrical surface,

a thin film formed on at least a part of said cylindrical surface and being made of a magnetic loss material which as a high magnetic loss characteristic, said thin film having

a first phase comprising at least one of Fe, Co, and Ni, and

a second phase comprising at least one element other than Fe, Co, and Ni;
said shrinking method comprising the steps of:
disposing a conductive wire in the vicinity of said thin film; and
supplying an alternating current to said conductive wire to make said conductive wire irradiate electromagnetic radiation towards said thin film, so that said thin film generates heat.

Cancel claim 15.

Please add the following new claims:

16. (New.) A heat-shrinkable device, comprising:
a member having a desired geometry defining a surface and being shrinkable in response to heat and having a cylindrical surface; and
a thin film formed on at least a part of said surface and being made of a magnetic loss material which has a high magnetic loss characteristic, said thin film having:
a first phase comprising [a first one of] a first element selected from the group consisting of Fe, Co, and Ni; and
a second phase comprising an [insulator containing at least one] element other than Fe, Co, and Ni.
17. (New.) A method of shrinking a heat-shrinkable device, comprising:
providing a device having a desired geometry defining a surface and being shrinkable in response to heat,
a thin film formed on at least a part of said surface and being made of a magnetic loss material which has a high magnetic loss characteristic, said thin film having
a first phase comprising at least one of Fe, Co, and Ni, and
a second phase comprising at least one element other than Fe, Co, and Ni;